

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A digital television set system comprising:
a receiver for receiving digital television signals from at least a communication channel;
and
a gaming console for use as a gaming client, the gaming console connected to the receiver and comprising:
 ~~at least a~~ volatile storage medium for having stored therein client instruction data relating to a gaming client and game instruction data relating to a current game in execution;
 ~~at least an~~ external storage medium reading circuit for sensing data from an external storage medium and for storing [[the]]received data in the ~~at least a~~ volatile storage medium; and
 ~~at least a~~ processor in communication with the ~~at least a~~ volatile storage medium, the processor ~~for retrieving operable to retrieve the game instruction data therefrom for executing and to execute the game instruction data to execute~~ a game on the gaming console, and ~~for retrieving operable to retrieve~~ client instruction data therefrom ~~for executing and to execute the client instruction data to execute~~ a gaming client function on the gaming console;
 wherein ~~when the volatile storage medium further comprises~~ set-top client instruction data and set-top application instruction data, ~~and wherein the processor is further operable to retrieve the set-top client instruction data and the set-top application instruction data from the volatile storage medium and operable to execute the set-top client instruction data and the set-top application instruction data -are stored in the at least a storage medium and are executed on the at least a processor, the gaming console emulates a set-top box for use in to extract video information from digital television signals and to display the extracted~~ displaying

video information ~~extracted from digital television signals.~~

2. (Currently amended) A digital television set system according to claim 1, wherein the gaming console comprises an external local storage medium, and wherein the set-top client instruction data and game set-top application instruction data are loaded from the external local storage medium into the ~~at least a~~ volatile storage medium.
3. (Original) A digital television set system according to claim 2, wherein the external local storage medium is a compact disc.
4. (Original) A digital television set system according to claim 2, wherein the external local storage medium is a removable read-only memory cartridge.
5. (Currently amended) A digital television set system according to claim 1, wherein the gaming console comprises a transceiver for establishing a connection to a broadband access network and wherein the set-top client instruction data and the set-top application instruction data are retrieved from the broadband access network and loaded into the volatile storage medium.
6. (Original) A method for emulating a set-top box on a gaming console, the gaming console being part of digital television set system and coupled to a receiver for receiving digital television signals from at least a communication channel, the gaming console comprising at least a processor and at least a storage medium, and being in connection with a monitor and a sound system, the method comprising the steps of:
receiving first instruction data from an external storage medium read by the gaming console and including one of set-top instruction data for receiving and decoding digital broadcast data when executed on the gaming console and communication data for use in retrieving via the receiver the set-top instruction data for receiving and decoding digital broadcast data when executed on the gaming console;

executing the set-top instruction data on the gaming console;
receiving encoded digital broadcast data via the receiver;
decoding the received, encoded digital broadcast data; and
displaying the decoded digital broadcast data on the monitor and on the sound system.

7. (Original) The method according to claim 6, wherein the set-top instruction data are received from the receiver in connection with the gaming console.
8. (Original) The method according to claim 6, wherein the set-top instruction data are received from an external storage medium in connection with the gaming console.
9. (Original) The method according to claim 6, further comprising the steps of:
receiving a conditional access module; and
verifying access authorization for encoded digital broadcast data with the conditional access module.
10. (Original) The method according to claim 9, wherein access authorization is verified using authorization data provided from a smart card, the smart card in connection with the gaming console through an interface.
11. (Original) The method according to claim 9, wherein the encoded digital broadcast data are scrambled, encoded digital broadcast data.
12. (Original) The method according to claim 11, wherein the scrambled, encoded digital broadcast data is descrambled by the conditional access module before being decoded.
13. (Original) The method according to claim 6, wherein the gaming console is in communication with a monitor, and wherein the gaming console is emulating a set-top box for receiving and displaying on the monitor services other than gaming services.

14. (Original) The method according to claim 13, wherein the monitor is a monitor included in an analog transmission television set.

15. (Original) The method according to claim 13, wherein the gaming console is in communication with at least another network

16. (Original) The method according to claim 15, wherein the at least another network is a community antenna television network.

17. (Original) The method according to claim 15, wherein the at least another network is a telephone line network.

18. (Original) The method according to claim 15, wherein the at least another network is a wireless network.

19. (Original) The method according to claim 13, wherein the services relate to digital television broadcast.

20. (Original) The method according to claim 13, wherein the services relate to Transmission Control Protocol/Internet Protocol access.

21. (Original) The method according to claim 13, wherein the services relate to interactive television applications.

22. (New) A method for emulating a set-top box comprising:
providing a gaming console, comprising a processor, a gaming controller, and a storage medium, and supporting communication with one or more networks, a monitor and a sound system, the storage medium having stored therein a gaming client;
initializing the gaming client to establish communication with a first network and to

receive instruction data from the first network, the instruction data being one of game instruction data for running a game when executed on the gaming console and set-top instruction data for receiving and decoding digital broadcast data when executed on the gaming console; and

if the received instruction data is game instruction data:

executing the game instruction data on the game console to run an associated game; and

if the received instruction data is set-top instruction data:

executing the set-top instruction data on the gaming console;

receiving encoded digital broadcast data from a second network;

decoding the received, encoded digital broadcast data; and

displaying the decoded digital broadcast data on the monitor and on the sound system.

23. (New) The method of claim 22, further comprising:

receiving a conditional access module from the first network; and
verifying access authorization for encoded digital broadcast data with the conditional access module.

24. (New) The method of claim 23, wherein verifying access authorization comprises
verifying access authorization using authorization data provided from a smart card, the smart card in connection with the gaming console through an interface.

25. (New) The method of claim 23, wherein the encoded digital broadcast data are
scrambled, encoded digital broadcast data.

26. (New) The method of claim 25, wherein the scrambled, encoded digital broadcast data is
descrambled by the conditional access module before being decoded.

27. (New) The method of claim 22, wherein the gaming console is in communication with a

monitor, and wherein the gaming console is emulating a set-top box for receiving and displaying on the monitor services other than gaming services.

28. (New) The method of claim 27, wherein the monitor is a monitor included in an analog transmission television set.

29. (New) The method of claim 27, wherein the services relate to digital television broadcast.

30. (New) The method of claim 27, wherein the services relate to Transmission Control Protocol/Internet Protocol access.

31. (New) The method of claim 27, wherein the services relate to interactive television applications.

32. (New) The method of claim 22, wherein the first network and the second network are the same.

33. (New) A method for emulating a set-top box on a gaming console, the gaming console comprising a processor and a storage medium, and being in connection with one or more networks, a monitor and a sound system, the method comprising:

initiating a gaming client stored in the storage medium to receive instruction data from a first network, the instruction data being one of game instruction data for running a game when executed on the gaming console and set-top instruction data for receiving and decoding digital broadcast data when executed on the gaming console;

if the received instruction data is game instruction data:

executing the game instruction data on the game console to run an associated game; and

if the received instruction data is set-top instruction data:

executing the set-top instruction data on the gaming console;
receiving encoded digital broadcast data from a second network;
decoding the received, encoded digital broadcast data; and
displaying the decoded digital broadcast data on the monitor and on the sound system.

34. (New) The method of claim 33, wherein the first network and the second network are the same.

35. (New) A device, comprising:

memory;

one or more processors;

a network interface;

a gaming client stored in the memory, the gaming client comprising instructions to:

initiate a connection with a network through the network interface;

receive through the network instruction data, the instruction data being one of game instruction data for running a game when executed on the device and set-top instruction data for receiving and decoding digital broadcast data when executed on the device;

if the received instruction data is game instruction data, load the game instruction data for execution by the one or more processors; and

if the received instruction data is set-top instruction data, load the set-top instruction data for execution by the one or more processors.

36. (New) The device of claim 35, wherein the game instruction data, when executed by the one or more processors, causes the device to perform operations comprising running the game.

37. (New) The device of claim 35, wherein the set-top instruction data, when executed by the one or more processors, causes the device to perform operations comprising:

receiving encoded digital broadcast data through the network;

decoding the received encoded digital broadcast data; and
displaying the decoded digital broadcast data on the monitor and on the sound
system.